



PATENT APPLICATION
Docket No.: 7045.10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
Edward Jackson)
)
Serial No.: 09/643,097) Art Unit
) 1764
Filed: August 21, 2000)
)
For: OPEN SYSTEM SULPHUROUS)
ACID GENERATOR)
)
Examiner: Marian Knode)

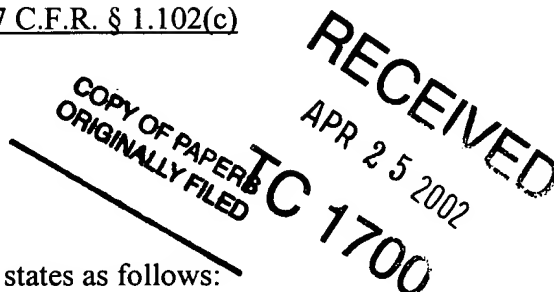
STATEMENT UNDER 37 C.F.R. § 1.102(c)

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

The declarant and inventor, Edward Jackson, states as follows:

1. I am a citizen of the United States and over 21 years of age. I make this declaration voluntarily and based upon my own personal knowledge.
2. The technology set forth in this application materially enhances the quality of the environment, or materially contributes to the development and conservation of energy resources.
3. In particular, the present invention contributes to the restoration and maintenance of water and soil. The present invention does so as follows:
4. Many areas of the world have water that is alkaline, that is, water with high ph caused by the presence of bicarbonates and carbonates at detrimental levels. When such water is consistently used on soil, it causes the soil to crust and creates a layer in the soil which impedes



penetration of water, air, and other nutrients. In short, the soil becomes less productive and eventually useless.

5. The present invention is directed to a self-contained device, having no moving parts, which creates a sufficiently acidic aqueous solution which, when combined with alkaline water, neutralizes the bicarbonates and carbonates in the water, or provides a slightly acidic water to counteract the alkaline nature of already damaged water or soil. That is, the apparatus of the present invention creates a sufficiently acidic solution to neutralize highly alkaline water, to help break down damaged soil to revitalize it. In this way, less water is needed for watering crops and the soil is revitalized.

6. Different forms of the present invention have been patented and are presently pending for patent protection. I have met with water conservation experts, agricultural experts, diplomats and government leaders, as well as other water resource companies, entities and agencies world wide.

7. The invention has been met with excitement and hopes that the invention might be soon made available. Because the invention materially enhances the quality of the environment by contributing to the restoration, maintenance and efficient use of water and soil, I request that prosecution be expedited and advanced out of turn.

8. I declare under penalty of perjury that the foregoing is true and correct.

DATED this 12th day of April, 2002.

EDWARD JACKSON, Declarant and Inventor

Edward W. Jackson

APR 23 2002

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
7045.10

In Re Application Of: Edward W. Jackson

Serial No.
09/643,097

Filing Date
August 21, 2000

Examiner
Marian Knode

Group Art Unit
1764

Title: **OPEN SYSTEM SULPHUROUS ACID GENERATOR**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Petition to Make Special (2 pgs); Statement Under 37 C.F.R. § 1.102(c) (2 pgs); and postcard

RECEIVED
APR 25 2002
TC 1700
COPY OF PAPERS
ORIGINALLY FILED

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

Todd E. Zenger
Signature

Dated: April 12, 2002

Todd E. Zenger,
Attorney for Applicant
Registration No. 33,610
KIRTON & McCONKIE
1800 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
(801) 328-3600

I certify that this document and fee is being deposited
on April 12, 2002 with the U.S. Postal Service as
first class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231

Margaret Carlson
Signature of Person Mailing Correspondence

Margaret Carlson

Typed or Printed Name of Person Mailing Correspondence

CC: